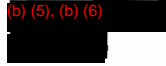




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<b>Client</b>	USACE New Bedford Office	<b>Date</b>	September 20, 2017	
<b>Project</b>	New Bedford Harbor Superfund Site	<b>Project No.</b>	35BG2000	
<b>Prepared By</b>	Steve Fox	<b>Note No.</b>	647	
<b>Subject</b>	New Bedford Harbor - Client Update Meeting			
<b>Participants</b>	(* Denotes Part Time Participation)	<b>Distribution (attendees plus)</b>	<b>See below</b>	
<u><b>Client</b></u>	<u><b>EPA</b></u>	<u><b>MassDEP</b></u>	<u><b>Jacobs</b></u>	<u><b>Battelle</b></u>
Tim Rezendes	Dave Lederer	Garry Waldeck	Beth Anderson	Patty White
Kevin Coleman	Abdul Tahil		Anita Rigassio Smith	Deirdre Dahlen
Nathan Mangelson	Dave Dickerson	<u><b>Sevenson</b></u>	Steve Fox	Jessica Tenzar
Marie Esten	Chris Smith	Joe Mahoney	Craig Kish	<b>AECOM</b>
Bob Christie		Mike Brouillette	Mark Gouveia	Maura Surprenant
Ellen Iorio			Steve Sils	William Humphries
Peter Hugh			Moe Beaudoin	<b>KGS</b>
			Lonnie Fallin	

### SAFETY/SITE MAINTENANCE

Safety Alert	Notes
	Laborer developed first aid case of poison ivy. Laborer facial injury, but did not require first aid, other than ice. Wind and rain from TS Jose will be an issue tomorrow and Friday. The amount of field activity continues to increase at Areas C & D. Use caution on the roads at Marsh Island and be sure to check in with the Jacobs and SES Superintendents and review SPAs when you arrive at the work locations.
Site Maintenance	A transmitter for the fire alarm system at Area D will be installed after mobilization is completed. The site tower lights at Area C will be replaced with LED bulbs and directed downward to minimize brightness to the area surrounding Area C. The heater in Area D will be installed prior to start up, should be next week.

Distribution: Participants; **Jacobs**: Document Control File, Beth Anderson, Mike Anderson, Maurice Beaudoin, Jon Blount, Jackie Connor, Josh Cummings, Lonnie Fallin, Steve Fox, Ken Gaynor, Mark Gouveia, Debra Hickman, Alison Hutchinson, Will Kenyon, Craig Kish, Don Melcher, Mike Morris, John Oktar, Jim Piccuito, Greg Scott, Steven Sills, Anita Rigassio Smith, Shane Taylor, Ann Webb, Mary Wright; **Sevenson**: Mike Crystal, Joe Mahoney; **USACE**: Tim Rezendes, Kevin Coleman, Bob Christie, Jay Mackay, Marcos Paiva, Ellen Iorio, Sheila Winston-Vinculla, Peter Hugh, Steve Wolf, Marie Esten, Nate Mangelson, Mike Penko, Dion Lewis; **EPA**: Cynthia Catri, David Peterson, Dave Lederer, Barb Bergen, Dave Dickerson, Hoshaiah Barczynski, Christopher Smith; **MADEP**: Paul Craffey, Garry Waldeck; **Battelle**: Deirdre Dahlen, Jessica Tenzar, Patricia White; **KOMEN**: Mark Applebee; **Lally Consulting**: John Lally  
AECOM: Maura Surprenant, William Humphries.  
ACE-J23-35BG2000-P4-0014

SWAC in to plant week of 10/9



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### FIELDWORK

Action	Date Start	Date Completion	Notes
PMC shoreline excavation	Ongoing	Restoration completion 10/17	The second Phragmites treatment was conducted Monday, September 18 <sup>th</sup> . Crews from Marsh Island will be restoring in the afternoon during high tide when excavation is not occurring on Marsh Island. Continued with some restoration during down time from Marsh Island.
Marsh Island Intertidal	August	October	All primary excavation to be complete by end of week; however additional excavation may still be necessary based on verification sampling. Sampling between MI-6, -7, -8, and -10 will be conducted today.
Cable Crossing Area	Early Oct	March 2018	Mobilization is ongoing and will be complete by the end of the month. Startup/shakedown will begin the first week of October followed immediately by the start of dredging. Shape files to be sent to AECOM by Jacobs (Anita).
North St Salt Marsh Intertidal	10/16/17	TBD	Tentative start date based upon completion of Marsh Island remediation. Negotiations may slip schedule. Tentative for tomorrow. Excavation may start day of contract signing.
Shipwreck Cataloging	10/16/2017	TBD	Timbers are wrapped and stored at DDA. Work will be performed on Saturdays once the dredging and associated Saturday maintenance begins in October. David Robinson will look at his schedule for cataloging the timbers and Jacobs (Gouveia) will provide a schedule for completion. No change
LH mechanical dredging	9/11/17	9/30/17	DMU 33B. Approx 2,700 cu yds through Monday.
LH mechanical dredging	10/2/17	10/19/17	DMU 33C. Start 24 hour operations on 10/2.
LH mechanical dredging	10/20/17	12/8/17	DMU 34B.

### SAMPLING AND ANALYSIS

Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
Water Quality Monitoring (Lower and Upper Harbor)	9/14-15/17	in situ turbidity only	N/A	N/A	Scheduled to conduct WQM at LH MU 33B on Friday, 9/22/17.
Upper Harbor Intertidal Data Gap Sampling (Round 1)	5/9 – 6/2/17	IA Congener	6/20/17 8/29/17	7/14/17	Data validation for PCB congener results will be completed week of 9/22.
UH Subtidal Data Gap Sampling (Round 2)	8/1-11/17	IA	8/30/17	9/15/17	Received approval today to proceed with PCB congener analysis of samples recommended in 9/13/17 email.

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Event	Samples Collection	Analytical Testing	Unvalidated Results	Validated results	Notes
Marsh Island Verification/Confirmatory Sampling	8/30/17 9/1/17 9/12/17 9/13/17 9/15/17	IA IA IA IA	8/31/17 9/6/17 9/17/17 9/17/17		PCB congener analysis of confirmatory samples from Areas MI3-5 in progress; pre-validated data should be available 9/27/17.  Verification/confirmatory sampling done with exception of MI-12 and re-dig areas. Sampling at MI-12 and some of the re-dig areas scheduled for Friday 9/22/17, pending USACE approval.
<i>raw</i> Aerovox Passive Sampler Survey → <i>dest. data to EPA as well</i>	8/14/17	Congener	9/20/17		PCB congener analysis nearly complete (2 of 3 batches done; 3 <sup>rd</sup> batch running final dilutions). On track for report deadline
Area C groundwater sampling	Late Oct/Early Nov	PCBs, VOCs			EPA (Smith) is working with EPA Lab (Chelmsford) and will coordinate with USACE for sampling. Week of Nov 13. EPA needs basic well info, screen intervals/depths/etc.
IA Sampling LH DMU 33 B	~Week of 9/25/17	IA			Verification/confirmatory sampling at MU 33B will be conducted once dredging at this area is complete. On hold.
Aerovox field work <i>Drive points started, but light material a problem (not getting water samples)</i>	9/11/17				Piston cores collected on 9/11/17 and transferred to Jacobs (Mike Morris) for processing. Drive point sampling will begin next week.

→ Wolf to start gas sampling tomorrow  
**AIR MONITORING**

Event	Samples Collection	Unvalidated Results	Validated results	Notes
Marsh Island Progress Rd	8/24/17-8/25/17 5 day TAT	9/5/17		Completed on 8/25/17,
Lower Harbor BV	Week of 9/25/17			Postponed due to weather. Planning for next week.
Area C VOC sampling (Summa)	8/29/17			Sampling was conducted on 8/29/17.
Cable Crossing Pre-Dredge Round	9/13/17 – 9/14/17	9/22/17 or 9/25/17		
North St Salt Marsh	TBD			



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### MEETINGS/OTHER ACTIVITIES

Action	Date	Notes
Aerovox 21e Project – Phase III RAP	Ongoing	Revised Phase III submitted June 30. Comments were submitted to MassDEP on 9/8/17.
City of New Bedford Update	Ongoing	Meeting with the CoNB 10/18/17 @ 2:00 PM.
Booster Pump Lease Payment	Monthly	Lease payments are made by check.
Disposition of Artifacts	TBD	PAL sent letter to State requesting release of artifact to project. Need feedback for MHC on storage.
CoNB Mayor Visit	Week of 10/17/17 @ 2:30	
Public Meeting	<del>November</del> or January	Date TBD.
Notification of the start of dredging	Next 2 weeks	Dave L will send an e-mail notification.

### PLANNING MEETINGS

Small Group	Topic	Date of Meeting/Call	Attendees
RAC cost reporting	Update costs and expenditures and cost breakout by years with latest schedule	9/27/17 @ 10:00	Lederer, Dickerson, Iorio, Coleman, Rezendes (opt), Mangelson, Esten, Fox, B. Anderson, Hutchinson, Fallin, SES, Craffey, Waldeck. Jacobs (Beth) to send out meeting invites. Typically every 4th Thu.
Communications Plan Meeting	Discuss TOC developed by Jacobs (Lonnie)		
Risk Matrix Meeting	Discuss TOC developed by Jacobs (Fallin)		
UH Subtidal	Confirmatory Sampling, data gaps, SWAC Curve, Lally SWAC memo	Wed, 10/4/17 @ 10:00	Lederer, Iorio, Esten, Lally, Rigassio Smith, Lu, Blount, White, Craffey, Waldeck
CPM Schedule	Sequencing	Wed, 10/11/17 @ 10:00	Lederer, Dickerson, Iorio, Coleman, Rezendes (opt), Mangelson, Esten, Fox, Gouveia, Rigassio Smith, Anderson, Fallin, SES, Craffey, Waldeck. Jacobs (Beth) to send out meeting invites. Will be added to the Cost, Risk, Communications meeting eventually
Intertidal LH/UH	Continued planning for work including properties that received EPA letter	Thurs, 10/19/17 @ 2-3:30	Dickerson, Iorio, Esten, Blount, Rigassio Smith, Gaynor, White
Intertidal UH	Agenda by Dickerson	Weekly, Tues @ 2:30	Dickerson, Iorio, Esten, Coleman, Rezendes, Mangelson, Gouveia, Blount, Sills, White, AECOM, Craffey, Waldeck





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Hybrid Dredging	Agenda by Mangelson	Weekly, Wed @ 1:00	Lederer, Iorio, Mangelson, Esten, Gouveia, SES, AECOM, Craffey, Waldeck
LH Cashman	Agenda by TR	Weekly, Thurs @ 11:00	Rezendes, Lederer, Smith, Cashman, Iorio, Esten, AECOM
Aerovox Interim Cap	Agenda by Iorio	Weekly, Thurs at 1PM	Dickerson, Wolf, Groher, Rigassio Smith, Anderson, Morris, Gouveia, Lally, White.
CDA/Confirmatory UH-East Intertidal	UH East – consensus on approach	TBD	Dickerson, Iorio, Esten, Gouveia, Rigassio Smith, White, MADEP.
CDA/Confirmatory UH-West Intertidal	UH West– consensus on approach		Dickerson, Iorio, Esten, Gouveia, Rigassio Smith, White, MADEP.

### RIGHT OF ENTRY/PUBLIC RELEASE FORMS

Parcel or Name of Owner	Right of Entry Need Date	Task	Notes
Upper Harbor Access Roads	TBD	Intertidal	Robichaud access agreement still pending.
Robichaud	TBD	Archeology	EPA (Dickerson) has submitted letter to the property owner's son. He has indicated he will take care of it. EPA (Dickerson) still has not had a meeting with the Robichaud family on this issue. Meeting 10/17/17 at 11 am.
17-1 and 17-3/Mike Panagakos	TBD	Subtidal/Intertidal	EPA (Lederer) has turned over the matter of ROE to EPA's legal staff for resolution. Attorney for EPA sending correspondence

### DELIVERABLES

No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
J1	Comprehensive Plan, Draft	Jacobs	6/30/17 RCL Due: TBD	8/22/17	Lederer Dickerson Barczyski Rezendes Coleman Mangelson Iorio Esten Lally MADEP	RCL due date is pending discussion with USACE/EPA to resolve specific comments. Discussion with USACE (Iorio) and Jacobs (Rigassio Smith) on RTC questions. Jacobs to discuss outstanding EPA questions today.
J2	Archeological Disposition Spreadsheet, Draft	Jacobs, CR, PAL	Draft: 4/20/17 RCL Due: TBD	Comments Due: TBD	Lumino	Comments from Lumino by the end of the month. In addition, PAL sent a



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No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
						letter to the EPA on the proposed transfer of artifacts to the Area C facility. Jacobs (Mark) needs direction on how the artifacts should be stored. The EPA (Lumino and Lederer) will discuss final disposition with MHC.
J3	North St Salt Marsh (Miguel), Draft	Jacobs	Draft: 7/20/17 RCL Due: TBD	Comments: TBD	Dickerson Esten Mangelson Penko MassDEP	Thiessen polygon and new contour analysis to be discussed on Thurs, 9/21/17.
J4	APP	Jacobs	Draft: 7/26/17 RCL : 9/14/17DF 9/14/17	<b>Back-check Due: 9/28/17</b>	Mangelson Safety	Backcheck is done. Should be out Draft Final in next couple days.
J5	QAPP	Jacobs	Draft: 7/19/17 RCL Due: 9/11/17	Comments: 8/23/17 <b>Back-check Due: 9/25/17</b>	Lewis EPA Lab	Received comments from EPA Lab. Call with USACE (Lewis) and Jacobs (Fallin) to discuss comments. Red line strike out on 29 <sup>th</sup> .
J6	Aerovox FSP	Jacobs	Draft: 7/17/17 RCL: 8/23/17	Comments: 8/9/17 <b>Back-check Due: 9/6/17</b>	Dickerson Iorio MassDEP Lewis Groher Wolf White	Waiting on backcheck from USACE (Lewis and Groher).
J7	Shipwreck 2 Summary Report	Jacobs	<b>Draft Due: TBD</b>			DSRA is cataloging debris in Sept., so the draft report due date cannot yet be projected.
J8	Intertidal Draft Generic Work Plan	Jacobs	<b>Draft Due: 10/9/17</b>			On track.
J9	Areas I, N, and O Draft Work Plan	Jacobs	<b>Draft Due: TBD</b>			
A1	Sediment FSP	AECOM	<b>Draft Final Due: 9/25/17</b>		Lederer Lewis Esten	AECOM response to RCL backcheck complete.



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No.	Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
A2	Water Quality FSP	AECOM	Draft Final Due: 9/22/17		Lederer Lewis Esten	AECOM response to RCL backcheck complete.
A3	Sediment SOPs	AECOM	Draft Final Due: 9/25/17		Lewis Esten	AECOM response to RCL backcheck complete.
A4	UFP QAPP	AECOM	9/6/17	9/20/17	Lewis Conlin (EPA)	Waiting for comments (interim approvals may happen next week).
A5	Database transfer	AECOM	9/30/17			AECOM to be up and running the EMIS database and website by 9/30.
A6	Data Management Plan	AECOM	9/13/17	9/27/17		Sub 9/13, comments due 9/27, pending info submittal from Battelle.
A7	WQM Addenda - UH	AECOM	Draft Due: 9/26/17	9/29/2017	Esten	In progress - recreating field sheets that Battelle used instead of writing a full addendum. Will include cover letter
A8	WQM Addenda - LH	AECOM	Draft Due: 9/26/17	9/29/2017	Esten	Creating field log sheets
A9	Sed Confirm UH Addendum	AECOM	TBD		Esten	Waiting for (1) shape file of confirmation locations, (2) dredge area shape files (3) grid size from Battelle.
A10	Sed Confirm LH MU33-37 Addendum	AECOM	Draft Due: 9/26/17	9/29/2017	Esten	Have Battelle Addendum. Request clarification if Battelle has done work and if so which locations they completed
A11	Intertidal Addendum	AECOM	Draft 10/13/17	10/20/17	Esten	Need to know what verification/confirmation grids will be
B1	UH Hydrodynamic Survey Data Report	Battelle	9/20/17			Current data has been submitted to Lally; wave data will be submitted after the gauge is recovered. Report should be available by end of week.
B2	Aerovox Passive Sampler Data Report	Battelle	10/13/17			PCB congener results for PEDs will be provided to the Aerovox small group when available. On track



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### CONTRACT ACTIONS

Contract	Award Date	Notes
Binding rates for 2018 - IDIQ	10/31/17	Proposal due on 10/10/17
RAC TO2 (Aerovox Fieldwork, PMC disposal, Pipe relocation)	10/26/17	Proposal submitted on 9/20/17
TO2 (2018 Tech Support and O&M Mod)	12/22/17	Proposal due on 11/13/17
RAC TO3 (North Street Salt Marsh)	10/16/17	Negotiations on 9/21/17
RAC T03 (Eastern Shoreline)	2/9/18	Proposal due on 1/5/17
RAC TO4 (Areas I, N, and O)	12/11/17	Proposal due on 12/11/17
RAC T05 (Aerovox Interim Cap)	12/29/17	Proposal due on 11/20/17
TERC TO# 1, 6, 7, 8 Incentive Fees	TBD	Paperwork in Contracting for T06.
TERC TO# 1, 6, 8 Closeout	TBD	Received Jacobs admin costs for closeout.

### FUTURE ACTIONS (No discussion needed)

Document Name	Organization	Submit Date	Comments Due	Reviewers	Notes
Map and associated table presenting debris remaining in the Upper Harbor following the completion of the cable crossing debris removal activities.	Jacobs	TBD			Postponed until UH Subtidal work is completed. An As-Built will be submitted.
UH Intertidal WP	Jacobs	10/9/17			From CP Schedule
BtB Subtidal and Intertidal WP	Jacobs	11/27/17			From CP Schedule, Will need Buzzard Bay Coalition group approval for UH Intertidal WP.
MU 37C&D	Jacobs	11/27/17			From CP Schedule
Aerovox 65% Design WP	Jacobs	12/13/17			From CP Schedule
Cell 1, 2, 3	Jacobs	12/21/17			From CP Schedule
Sampling sediment in Cell #1 at Area C	AECOM	TBD			